

## FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

MJD

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
FL	BPED -930618MG N/M	NEW 90.3MHZ	CORNERSTONE COMMUNITY RADIO, INC. FLAGLER BEACH FL	CP FOR NEW FM EDUCATIONAL STATION ON: FREQUENCY; 90.3 MHZ., ERP: 0 KW (H) 2.0 KW (V), HAAT: 0 METERS (H), 56 METERS (V), 29 22 18 81 10 45

LICENSE EXPIRATION DATE \_\_\_\_\_

PN 7-8-93

*for* *Mary J. Syron*

CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT( ) CONSTRUCTION DATES, START \_\_\_\_\_ END \_\_\_\_\_

CONTESTED ( ) UNCONTESTED ( )

X

B-313

APPROVED \_\_\_\_\_

FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

MM 94-88

LAW OFFICES

**BIRCH, HORTON, BITTNER AND CHEROT**

A PROFESSIONAL CORPORATION

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JUN 21 3 03 PM '93  
AUDIO SERVICES  
DELIVERY

June 18, 1993

RECEIVED

JUN 18 1993

Ms. Donna Searcy  
Secretary 1170  
Federal Communications Commission  
1919 M Street, N.W., Room 222  
Washington, D.C. 20036

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

ORIGINAL

Dear Ms. Searcy:

On behalf of Cornerstone Community Radio, Inc., I am submitting herewith an original and two copies of an application on FCC Form 340 for a construction permit for a new noncommercial educational FM broadcast station on Channel 212A at Flagler Beach, Florida.

Because this application is for a noncommercial educational broadcast station, no filing fee is required.

Questions concerning this application, and copies of all correspondence, should be directed to me.

Sincerely,

BIRCH, HORTON, BITTNER AND CHEROT

J. Geoffrey Bentley

Attorney for Cornerstone Community Radio, Inc.

Enclosure

MSD  
6-22-93

APPLICATION FOR CONSTRUCTION PERMIT FOR  
NONCOMMERCIAL EDUCATIONAL BROADCAST STATION  
(Carefully read instructions before filing form) Return only form to FCC

RECEIVED

Section I - GENERAL INFORMATION JUN 18 1993

For Commission Use Only

File No.

BPED-730618MG

1. Name of Applicant <b>FEDERAL COMMUNICATIONS COMMISSION OFFICE OF THE SECRETARY CORNERSTONE COMMUNITY RADIO, INC.</b>		
Street Address or P.O. Box <b>2596 STATE ROAD 44</b>		
City <b>NEW SMYRNA BEACH</b>	State <b>FL</b>	ZIP Code <b>32168</b>
Telephone No. (Include Area Code) <b>(904) 427-9000</b>		

Send notices and communications to the following person at the address below:		
Name <b>same</b>		
Street Address or P.O. Box		
City	State	ZIP Code
Telephone No. (Include Area Code)		

2. This application is for: ☐ AM

☒ FM

☐ TV

(a) Channel No. or Frequency <b>212 90.3</b>
-------------------------------------------------

(b) Principal Community	City	State
	<b>FLAGLER BEACH</b>	<b>FL</b>

(c) Check one of the following boxes:

ORIGINAL

☒ Application for NEW station

☐ MAJOR change in licensed facilities; call sign: \_\_\_\_\_

☐ MINOR change in licensed facilities; call sign: \_\_\_\_\_

☐ MAJOR modification of construction permit; call sign: \_\_\_\_\_

File No. of construction permit: \_\_\_\_\_

☐ MINOR modification of construction permit; call sign: \_\_\_\_\_

File No. of construction permit: \_\_\_\_\_

☐ AMENDMENT to pending application; application file number: \_\_\_\_\_

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application?

☐ Yes ☒ No

If Yes, state:	Call letters <b>na</b>	Community of License	
		City <b>na</b>	State <b>na</b>

90.3MHZ  
BPED -930618MG NEW  
FLAGLER BEACH FL  
CORNERSTONE COMMUNITY RADIO, INC.

**Section II - LEGAL QUALIFICATIONS**

Name of Applicant

**CORNERSTONE COMMUNITY RADIO, INC.**1. Applicant is: *(Check one box below)*

- ☐ (a) governmental or public educational agency, board or institution
- ☐ (b) private nonprofit educational institution
- ☒ (c) Other *(specify)* **Non-profit Corporation with IRS 501(c)3 Exemption granted.**

2. For applicants 1(c) only, describe in an Exhibit the nature and educational purposes of the applicant.

Exhibit No.  
**A**

3. For applicants 1(c) applying for a new noncommercial educational television station only, describe in an Exhibit how the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural and civic segments of the principal community to be served.

Exhibit No.  
**na**

4. Describe in an Exhibit how the proposed station will be used, in accordance with 47 C.F.R. Section 73.503 or Section 73.621, for the advancement of an educational program.

Exhibit No.  
**B**

5. Is there any provision contained in any by-laws, articles of incorporation, partnership agreement, charter, statute or other document which would restrict the applicant in advancing an educational program or complying with any Commission rule, policy or provision of the Communications Act of 1934, as amended?

☐ Yes ☒ No

If Yes, provide particulars in an Exhibit.

Exhibit No.  
**na****CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS**

6. (a) Is the applicant in violation of the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See Instruction B to Section II.)

☐ Yes ☒ No

(b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

☐ Yes ☒ No

If the answer to (b) above is Yes, attach an Exhibit giving full disclosure concerning this assistance.

Exhibit No.  
**na**

7. (a) Has an adverse finding been made or an adverse final action taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law related to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes ☒ No

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a) above?

☐ Yes ☒ No

If the answer to (a) and/or (b) above is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding is or was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c) in the case of adjudicated proceedings, the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) a description of the current status or disposition of the previously reported matter.

Exhibit No.  
**na**

## PARTIES TO APPLICATION

8. Complete the following Table with respect to all parties to this application:

(NOTE: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.)

**INSTRUCTIONS:** If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificates or other ownership interests, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interests. If applicant is a governmental or public educational agency, board or institution, fill out columns (a), (b), and (c) as to all members of the governing board and chief executive officers.

Name and Residence Address(es)	Office Held	Director or Member of Governing Board		% of: Ownership (O) or Voting Stock (VS) or Membership (M)
		YES	NO	
(a)	(b)	(c)		(d)
Richard Van Zandt 2616 Sunset Drive New Smyrna Beach, FL 32168	President	X		M
Arthur Gregg 410 North Street Milladore, WI 54454	Vice-President	X		M
Robert M. Weeks 678 Mourning Dove Sarasota, FL 34236	Director	X		M
Patricia Van Zandt 2616 Sunset Drive New Smyrna Beach, FL 32168	Sec./Treasurer	X		M
William R. Reed 16 Stone Quarry Road Ormond Beach, FL 32174	Director	X		M
Sal Siano 107 Newton Street Norwich, CN 06360	Director	X		M

Section 11 - LEGAL QUALIFICATIONS (Page 3)

9. Does the applicant, or any party to the application, have a petition to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.  
na

10. Does the applicant or any party to this application have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

☒ Yes ☐ No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

☒ Yes ☐ No

(c) a broadcast application which has been denied by the Commission?

☐ Yes ☒ No

(d) a broadcast station, the license of which has been revoked?

☐ Yes ☒ No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

☐ Yes ☒ No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.  
C

- (1) Name of party having interest;
- (2) Nature of interest or connection, giving dates;
- (3) Call letters of stations or file number of application or docket; and
- (4) Location.

### SECTION III - FINANCIAL QUALIFICATIONS

Note: If this application is for a change in an operating facility, DO NOT fill out this Section.

1. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration? ☐ Yes ☒ No

2. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision? ☐ Yes ☒ No

NOTE: If either Questions 1 or 2 is answered "Yes," your application cannot be granted until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on your part is required. If you rely on funds from a source specified in Question 2, **you must advise the F.C.C. when the funds are committed or appropriated.** This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

3. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without additional funds. ☒ Yes ☐ No

### SECTION IV - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No. D
------------------

NOTE: No program service statement need be filed where the proposed station's programming would be **wholly** "instructional" as that type of programming is defined in the Instructions to this Section.

**EXHIBIT: A,B,D**Continued:

The applicants will use the proposed station to fulfill needs and meet interests of the community. The applicant will maintain communication with community leaders in an effort to effectively ascertain the public concerns of area residents. Programming will then be designed to relate to these public concerns and issues.

Educational programs will be designed to help meet the needs of a wide variety of people and ethnic backgrounds. Such as: families, husbands, wives, singles, students, children, handicapped, veterans, and the divorced. (just to name a few)

An on-going study of the communities concerns will also be determined through a high volume of phone calls from area residents. The applicant has encouraged listener involvement and receives hundreds of phone calls and letters each year at every other station it has been involved with. These calls and letters are a great assistance in keeping the management and Board of Directors informed on current issues of public concern.

Two programs that have been widely appreciated by listeners of the applicant's other station have been: 1) a live call-in program hosted by two or more physicians, and 2) a live Children's Program using a local high school student as the program host.



<b>EXHIBIT: C</b>
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**OTHER BROADCAST INTERESTS:**

- A) the applicant is licensee of WJLU(FM) a Non-Commercial Educational station located in New Smyrna Beach, Florida.
- B) the applicant has an application pending for a NEW EDFM to serve Ottawa, Illinois. BPED-920814MB.
- C) the applicant's President, Richard Van Zandt, had an application dismissed by the FCC in 1983. NEW FM, Wausau, Wisconsin. (dismissed with prejudice)
- D) Robert Weeks, a corporate director, is licensee of WMFJ-AM located in Daytona Beach, Florida.
- E) Richard Van Zandt, corporate president, is licensee of WLWJ(FM) located in Petersburg, Illinois.

**EXHIBIT: A,B,D****EDUCATIONAL STATEMENT:    EDUCATIONAL PROGRAM:    ISSUES STATEMENT:**

Cornerstone Community Radio, Inc. is a Florida Non-Profit Organization governed by a Board of Directors. Among those on our board are: broadcasters, teachers, and ministers. The directors are concerned about the educational process and are involved with advancing the educational process.

Our purpose is to provide Flagler Beach with Non-Commercial Educational programming. Programs will enhance the educational process of Flagler Beach and the surrounding area as well as bring balance to the community.

Listeners will be provided with unique programming designed to instruct them on the teachings of the Bible. In support of the goal to educate and instruct the listeners on the teachings of the Bible the stations educational programming will include: Bible study, religious music, youth programs, children's programs, news and informational programs, and call-in talk programs.

The applicant will use the proposed EDFM station to further the educational program of Flagler Beach and surrounding communities. Unique programming designed to meet needs and interests will be broadcast. Original programming and programs acquired from independent producers, schools, Bible Institutes, and other educational organizations will be presented. Specific community needs will be addressed through this programming blend. The station will promote important community activities by offering public service announcements.

## Section V-B - FM BROADCAST ENGINEERING DATA

## FOR COMMISSION USE ONLY

File No. \_\_\_\_\_

ASB Referral Date \_\_\_\_\_

Referred by \_\_\_\_\_

Name of Applicant

**CORNERSTONE COMMUNITY RADIO, INC.**

Call letters (if issued)

**New**Is this application being filed in response to a window? ☒ Yes ☐ No

If Yes, specify closing date:

**June 18, 1993**

Purpose of Application: (check appropriate boxes)

☒ Construct a new (main) facility☐ Construct a new auxiliary facility☐ Modify existing construction permit for main facility☐ Modify existing construction permit for auxiliary facility☐ Modify licensed main facility☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

☐ Antenna supporting-structure height☐ Effective radiated power☐ Antenna height above average terrain☐ Frequency☐ Antenna location☐ Class☐ Main Studio location☐ Other (Summarize briefly)

File Number(s) \_\_\_\_\_

## 1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
<b>212</b>	<b>Flagler Beach</b>	<b>Flagler</b>	<b>FL</b>

Class (check only one box below)

☒ A ☐ B1 ☐ B ☐ C3☐ C2 ☐ C1 ☐ C ☐ D

## 2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

**In Favoretta, Florida on US-1, 3.7 miles North of US-1**

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	29°	22'	18"	Longitude	81°	10'	45"
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3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)?

☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both.

**na**

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

**na**

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?  
If Yes, list old coordinates.

☐ Yes ☒ No

Latitude	0	Longitude	0
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5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date June 17, 1993 Office where filed Southern Regional Office

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>None</u>		
(b)			

7. (a) Elevation: *(to the nearest meter)*

(1) of site above mean sea level; 9 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 58 meters

(3) of the top of supporting structure above mean sea level  $[(aX1) + (aX2)]$  67 meters

- (b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground - meters (H)

52 meters (V)

(2) above mean sea level  $[(aX1) + (bX1)]$  - meters (H)

61 meters (V)

(3) above average terrain - meters (H)

56 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.

**E-1**

9. Effective Radiated Power:

(a) ERP in the horizontal plane 0 kw (H\*) 2.0 kw (V\*)

- (b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

**na**

na kw (H\*) na kw (V\*)

\*Polarization

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.  
**na**

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.  
**na**

12. Are there: (a) within 30 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☐ Yes ☒ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)

Exhibit No.  
**na**

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.  
**E-2**

14. Attach as an Exhibit (near the source) a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
**E-3**

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 843.8 sq. km.Population 48,745

16. Attach as an Exhibit a map (Sectional Aeronautical charts where obtainable) showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No.  
**na**

Enter the following from Exhibit above:

Gain Area na sq. mi.Loss Area na sq. mi.

Percent change (gain area plus loss area as percentage of present area) \_\_\_\_\_ %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 4)

17. For an application involving an auxiliary facility only, attach as an Exhibit a map (Sectional Aeronautical Chart or equivalent) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
**na**

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: **na**)

18. Terrain and coverage data (to be calculated in accordance with 47 C.F.R. Section 73.213).

Source of terrain data: (check only one box below)

☒ Linearly interpolated 30-second database

☐ 7.5 minute topographic map

(Source: **CDS**)

☐ Other (briefly summarize)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	55.8	16.3
45	59.4	16.9
90	59.5	16.9
135	56.3	16.4
180	53.8	16.0
225	54.0	16.1
270	56.3	16.4
315	54.5	16.1

#### Allocation Studies

(See Subpart C of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.  
**na**

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.  
**na**

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.  
**E-4**

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ *(separation requirements involving intermediate frequency (i.f.) interference)*.

Exhibit No.  
**E-4**

23.(a) Is the proposed operation on Channel 218, 219, or 220?

☐ Yes ☒ No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

☐ Yes ☐ No

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.  
**na**

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.  
**na**

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

**SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)**

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.  
**na**

- (1) Protected and interfering contours, in all directions (360 ), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

☒ Yes ☐ No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.  
**E-5**

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

☐ Yes ☒ No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.  
**na**

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.  
**E-6**

If No, explain briefly why not.

**CERTIFICATION**

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.


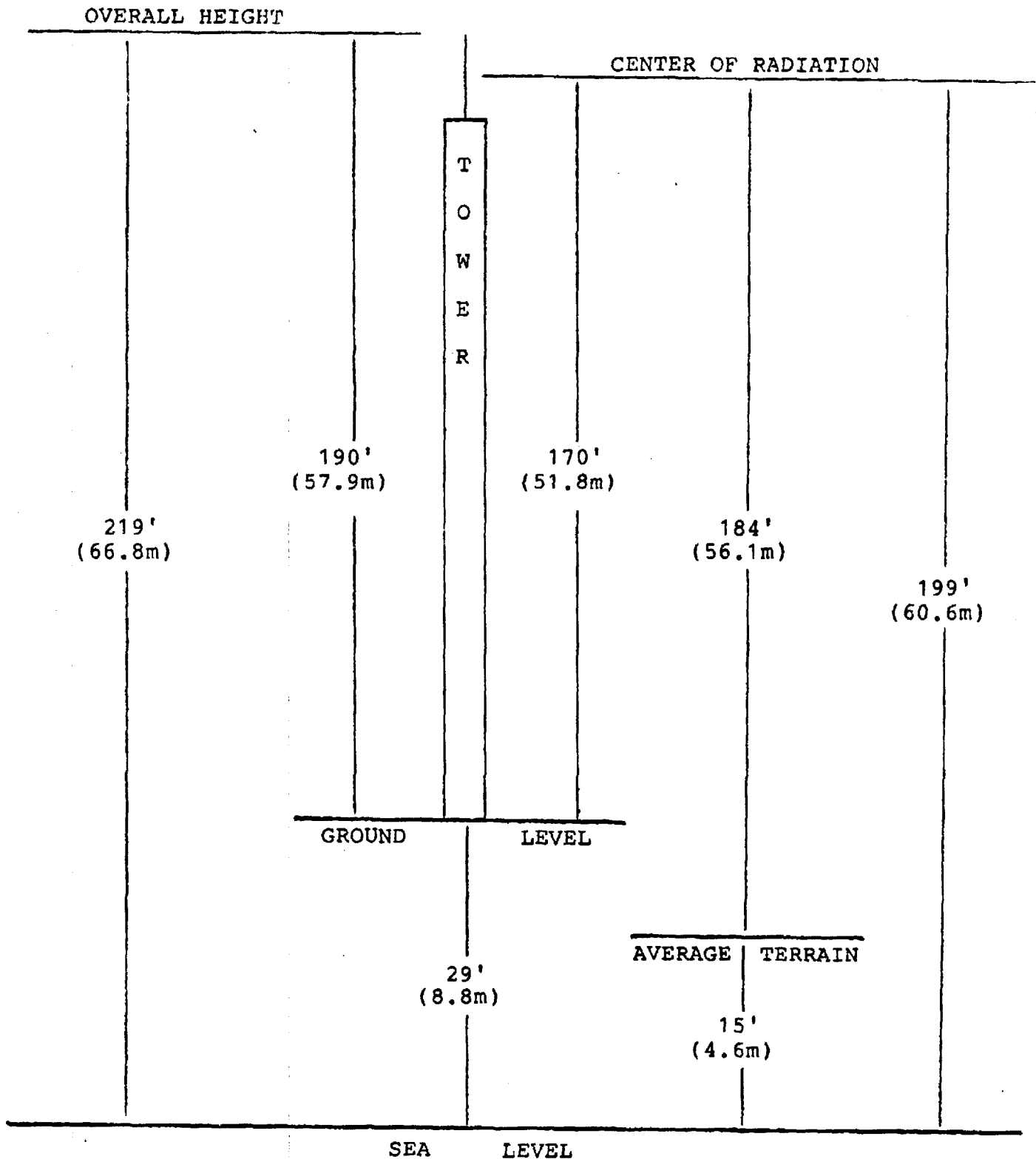
Name (Typed or Printed) <b>Richard Van Zandt</b>	Relationship to Applicant (e.g., Consulting Engineer) <b>Technical Director</b>
Signature 	Address (Include ZIP Code) <b>2596 State Road 44 New Smyrna Beach, FL 32168</b>
Date <b>June 18, 1993</b>	Telephone No. (Include Area Code) <b>(904) 427-9000</b>



EXHIBIT: E-1  
LOCATION: FLAGLER BEACH, FL  
CHANNEL: 212A  
DATE: JUNE 1993

VERTICAL PLAN

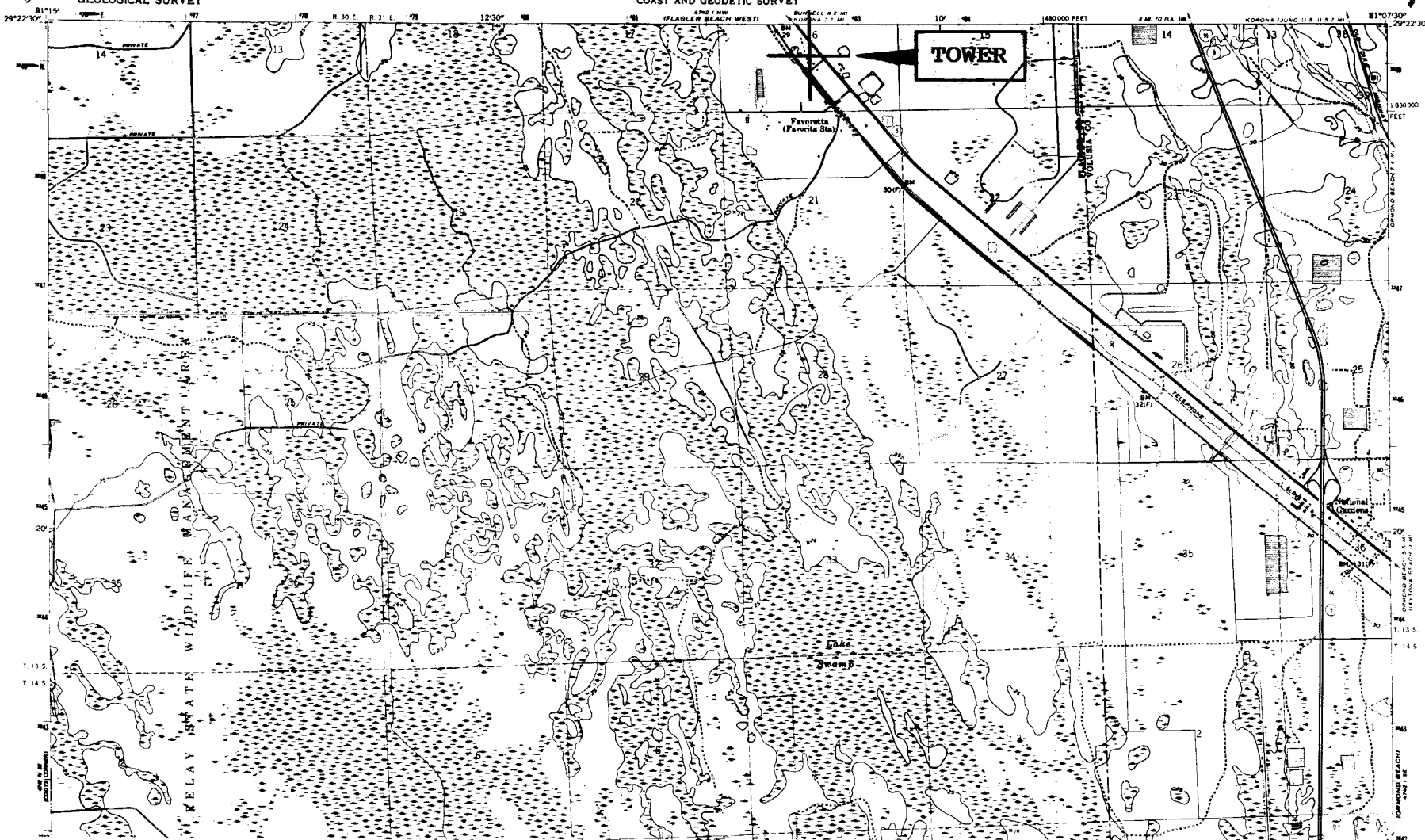


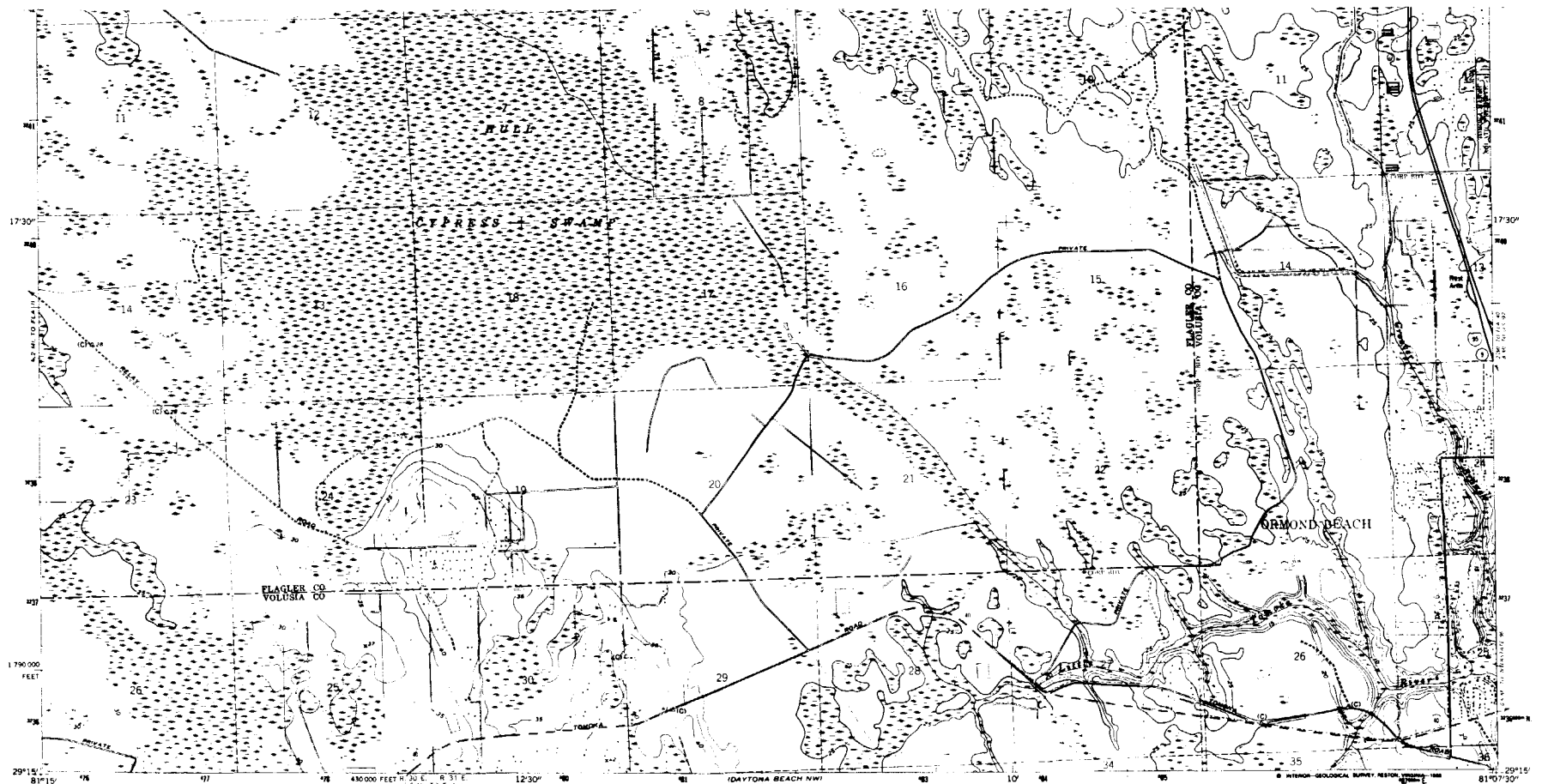
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

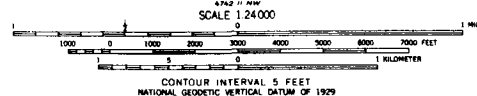
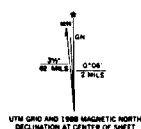
EXHIBIT: E-2a

FAVORETTA QUADRANGLE  
FLORIDA  
7.5 MINUTE SERIES (TOPOGRAPHIC)





Mapped by U. S. Coast and Geodetic Survey  
 Edited and published by the Geological Survey  
 Control by USC&GS (C) and Florida Geodetic Survey (F)  
 Culture and drainage in part compiled from aerial photographs  
 taken 1952 and 1956. Topography by planetable surveys 1952  
 Field check 1956  
 Polyconic projection  
 10,000-foot grid based on Florida coordinate system, east zone  
 1000-meter Universal Transverse Mercator grid ticks,  
 zone 17, shown in blue. 1927 North American Datum  
 To place on the predicted North American Datum 1983,  
 move the projection lines 25 meters south and  
 18 meters west as shown by dashed corner ticks  
 Dashed land lines indicate approximate locations



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U. S. GEOLOGICAL SURVEY  
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION  
 Revision shown in purple compiled from aerial photographs  
 taken 1983 and other sources. This information not  
 field checked. Map edited 1987

ROAD CLASSIFICATION  
 Heavy-duty ——— Light-duty ———  
 Medium-duty ——— Unimproved dirt .....  
 Interstate Route ——— U S Route ——— State Route ———

FAVORETTA, FLA.  
 29081 C2-TF-024  
 1986  
 PHOTO REVISSED 1988  
 DMA 4742 1 SW—SERIES 7847

UNITED STATES  
DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

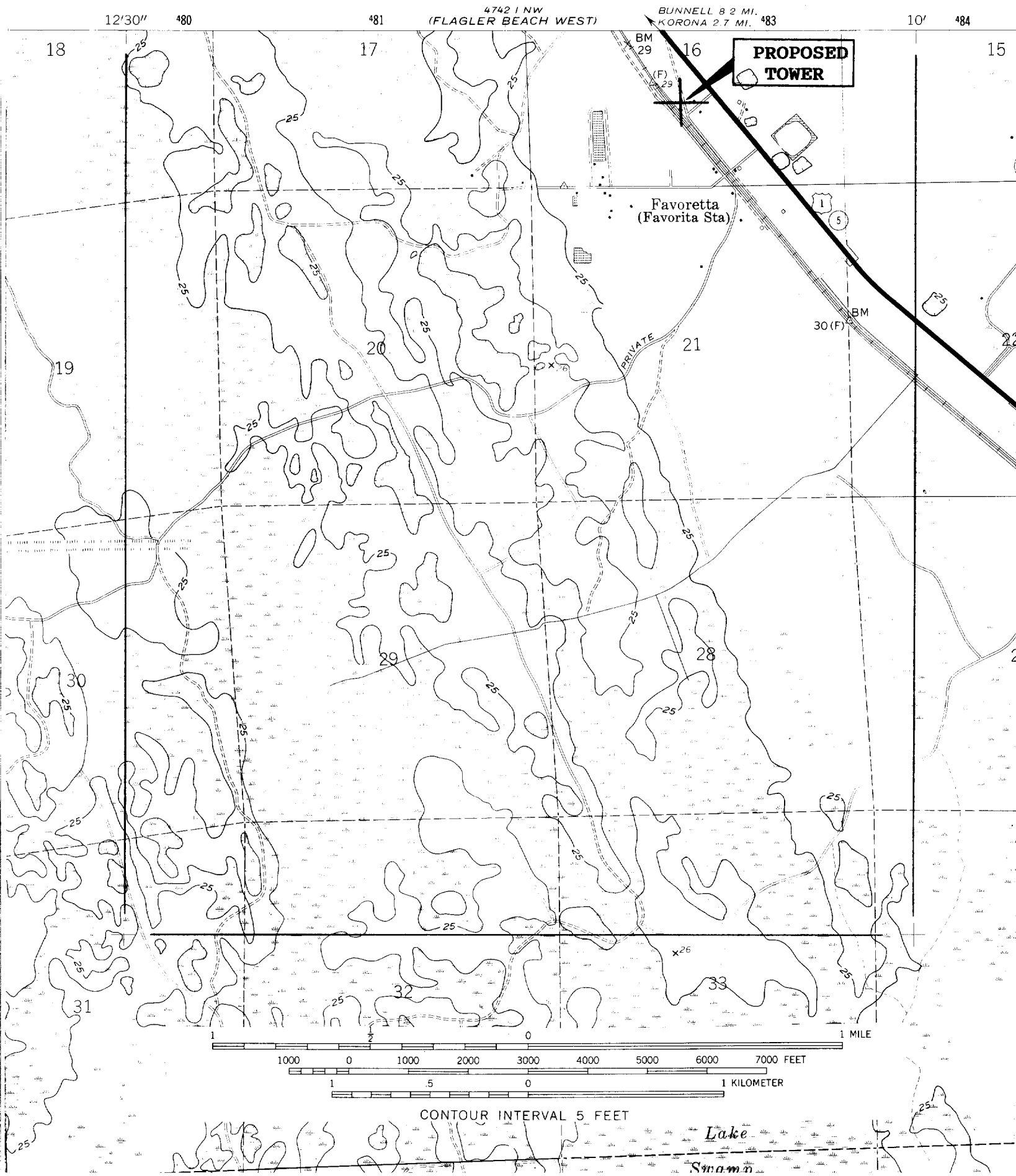


EXHIBIT: E-3

CONTIGUOUS US ADIZ

60 DBU

Mode C Requirements  
Effective Dec. 30, 1990  
(See F.A.R. 91.24/AIM)

05

W-158D

NEW SMYRNA BEACH  
412 EVB

NEW SMYRNA BEACH  
122.8

NEW SMYRNA BEACH

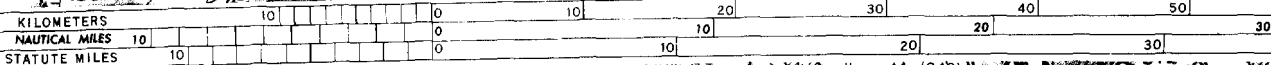
29°

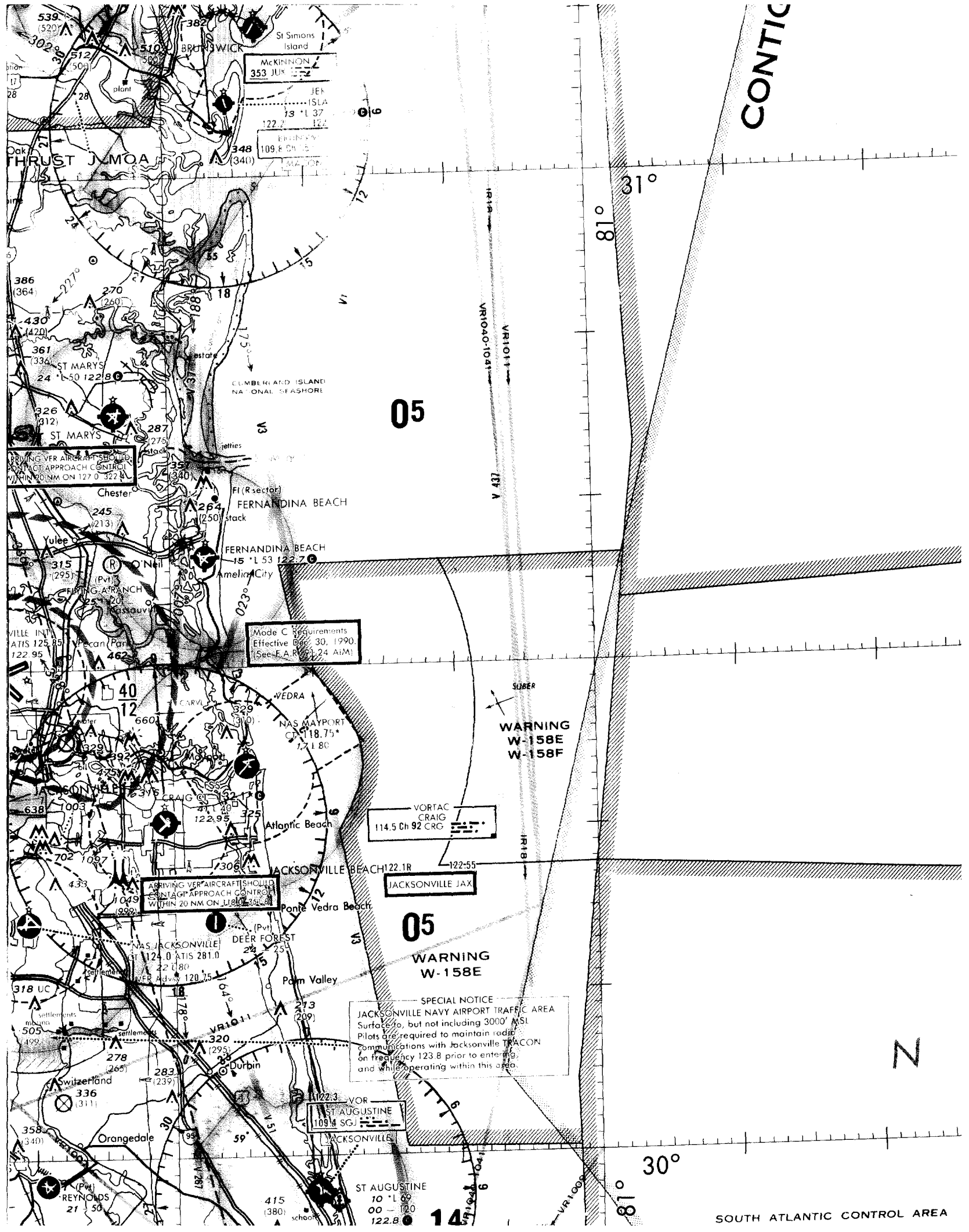
V3 and V  
the airspace  
R-2934

R-2934

07

R-2935  
100 60 250  
Scottsbluff





CONTIC

05

WARNING  
W-158E  
W-158F

05

WARNING  
W-158E

SPECIAL NOTICE  
JACKSONVILLE NAVY AIRPORT TRAFFIC AREA  
Surface to, but not including 3000' MSL  
Pilots are required to maintain radio  
communications with Jacksonville TRACON  
on frequency 123.8 prior to entering  
and while operating within this area.

N

SOUTH ATLANTIC CONTROL AREA

## EXHIBIT: E-4

08-17-1993

Richard Van Zandt  
2618 Sunset Drive  
New Smyrna Beach, FL 32168  
FM FREQUENCY ALLOCATION STUDY

Channel: 212A ( 90.3 MHz) 2 KW ERP  
Coordinates: 29 - 22 - 18 81 - 10 - 45 56 M HAAT  
Job Title: CORNERSTONE RADIO - FLAGLER BEACH- FL h indicates 73.215 Facility  
Cl.A Spacing: 73.207

CALL	h CITY	CH/CL-ZN	ERP-kw	HAAT-m	DA	LATITUDE	BEAR-to	DIST-km	REQ
STATUS	STATE	FCC#	APPLICANT/LICENSEE	LONGITUDE	-from-XT	CLEAR-km	-km		
WJLU LIC	New Smyrna Beac FL	209A BLED911113KD	5.0 >Cornerstone Communit	100	DA	29 0 32 80 58 27	153.7x 333.8x	44.9 +12.9	32.0
WJLU APP	New Smyrna Beac FL	209C3 BPED921224ID	10.0 >Cornerstone Communit	100	DA	29 0 32 80 58 27	153.7x 333.8x	44.9 +2.9	42.0
WUCFFM APP	Orlando FL	210C2 BPED861020ME	40.0 >University of Centra	59	DA	28 36 0 81 12 5	181.4x 1.4x	85.6 +23.6	32.0
WJCTFM LIC	Jacksonville FL	210C1 BLED811016AM	100. >Community TV, Inc.	247		30 16 53 81 34 15	339.6x 159.4x	107.7 +25.7	32.0
WLVFFM APP	Haines City FL	212A BPED890830IA	3.0 >Landmark Baptist Chu	61		28 9 28 81 37 34	198.0x 17.8x	141.4 +25.4	116.0
WLVFFM LIC	Haines City FL	212A BLED860421KG	0.80 >Landmark Baptist Chu	91		28 9 28 81 37 34	198.0x 17.8x	141.4 +25.4	116.0
WYFB LIC	Gainesville FL	213C1 BLED890327KA	97. >Bible Broadcasting N	207	DA	29 52 8 82 12 4	299.5x 119.0x	113.3	
Des. WYFB	60 dBu -	84.3 km	Undes. FLFAV.	54 dBu -	23.7 km			+25.3	88.0
Undes. WYFB	54 dBu -	94.9 km	Des. FLFAV.	60 dBu -	16.4 km			+2.0	111.3
WMFEFM LIC	Orlando FL	214C1 BLED800723AE	100. >Community Communicat	223		28 36 8 81 5 37	174.4x 354.5x	85.7 +3.7	82.0
WCPXTV LIC	ORLANDO FL	6TV-3 BLCT2478	100 >FIRST MEDIA CORPORAT	445	DA	28 36 8 81 5 37	174.4x 354.5x	85.7	
Des. WCPXTV	47 dBu -	115.4 km	Undes. FLFAV.	74.8 dBu -	6.9 km				
Des. WCPXTV	68 dBu -	63.4 km	Undes. FLFAV.	71.8 dBu -	8.3 km				

**EXHIBIT: E-5a****TV-6 INTERFERENCE:**


FCC Docket 20735 requires EDFM stations operating on Channel 212 to protect all TV-6 stations located within 195 kilometers. WCPX TV-6 in Orlando, Florida, is located 85.7 kilometers away from the proposed FM.

Attached is a plot showing the interference area. This area is 3 miles in diameter. The applicant has purposely selected a tower site that is located in a very sparsely populated area.

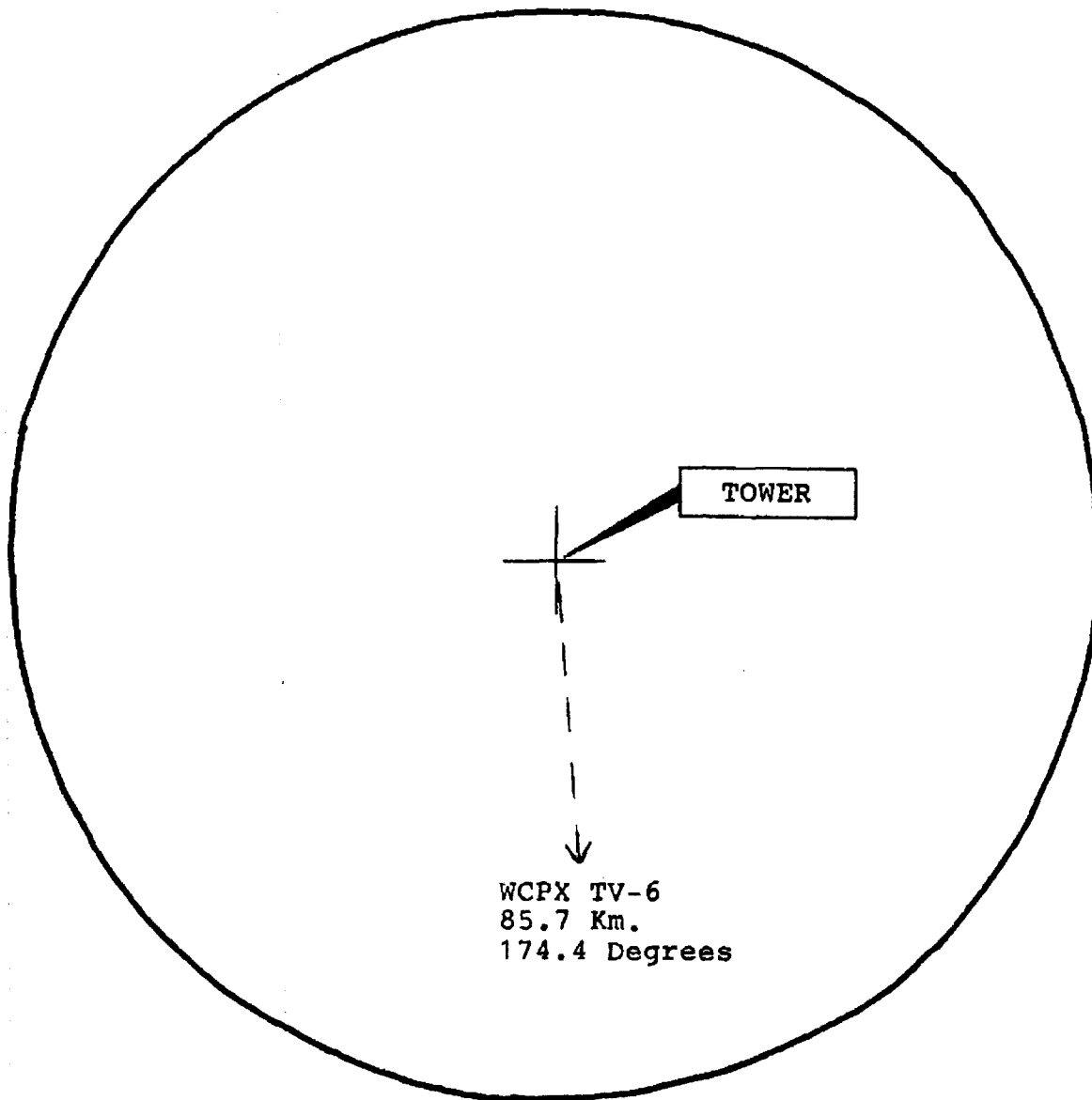
The number of people within this 3 mile "Projected Interference Area" is only 210. Docket 20735 allows for up to 3,000 people to be located within the "Projected Interference Area".

A clear copy of a Census Map which confirms the "Projected Interference Population Area" will follow this application as an amendment. (or a complete letter of "no objection" from WCPX TV-6)

Respectfully,

  
Richard Van Zandt  
June 18, 1993



**EXHIBIT: E-5b**

Projected Interference Area: 50 watts horizontal at 56 m. HAAT  
is 2.9 miles (4.7 Km) at 65.8 dBu.

